

DT05 Rec'd PCT/PTO 10 DEC 2002

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER UBC-0003
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
		U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5) 10/070,796
INTERNATIONAL APPLICATION NO. PCT/CA00/01043	INTERNATIONAL FILING DATE 8 September 2000 (08.09.00)	PRIORITY DATE CLAIMED 08 September 1999 (08.09.99)
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC METHODS IN AUTOIMMUNE DISEASE		
APPLICANT(S) FOR DO/EO/US: Paul KEOWN , Abbas KHANI-HANJANI and David HOAR		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4). (executed Declaration & Power of Attorney-7 sheets) 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. below concern other document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: - copy Notification of Missing Requirements mailed 5/14/2002 (2 sheets); Petition for Extension of Time - five month (2 sheets) (in duplicate) and authorization to charge deposit account for extension fee (\$980); authorization to charge deposit account for \$130 surcharge; return post card. 		
<p style="text-align: right;">EXPRESS MAIL Mailing Label No. EV166860759US Date of Deposit: December 16, 2002 [Monday]</p>		

RECEIVED
MAR 28 2003
TECH CENTER 1600/29

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5)
10/070,796

INTERNATIONAL APPLICATION NO.
PCT/CA/00/01043

ATTORNEY DOCKET NUMBER
UBC-0003

17. The following fees are submitted:

CALCULATIONS PTO USE ONLY

Basic National Fee (37 CFR 1.492(a)(1) - (5)):

.. Neither international preliminary examination fee (37 CFR 1.482)
.. nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
.. and International Search Report not prepared by the EPO or JPO.....\$1,040.00

.. International preliminary examination fee (37 CFR 1.482 not paid to USPTO
.. but International Search Report has been prepared by the EPO or JPO.....\$890.00

.. International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
.. international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00

.. International preliminary examination fee paid to USPTO (37 CFR 1.482) but
.. all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00

.. International preliminary examination fee paid to USPTO (37 CFR 1.482) and
.. all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT = \$

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the
earliest claimed priority date (37 CFR 1.492(e)). \$130.00

Claims	Number Filed	Number Extra	Rate	
Total claims	- 20 =		X \$18.00	\$
Independent Claims	- 3 =		x \$84.00	\$
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$

TOTAL OF ABOVE CALCULATIONS = \$

XX Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$65.00
reduced by 1/2.

SUBTOTAL = \$65.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from
the earliest claimed priority date (37 CFR 1.492(f)). \$

TOTAL NATIONAL FEE = \$

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

TOTAL FEES ENCLOSED = \$65.00

Amount to be: \$
refunded

charged \$

a. A check in the amount of \$_____ to cover the above fee is enclosed.

b. X Please charge my Deposit Account No. 23-3050 in the amount of \$65.00.00 to cover the above fees. A duplicate copy of this sheet is
enclosed.

c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account
No. 23-3050. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must
be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

.. Jeffrey J. King, Esq.
Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100
..

SIGNATURE

Michael D. Stein, Esq.
NAME

34,734
REGISTRATION NUMBER

RECEIVED
MAR 28 2003
TECH CENTER 1600/2900

DOCKET NO.: UBC-0003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (DO/EO/US)

In Re U.S. National Phase Application of:

KEOWN, Paul; KHANI-HANJANI, Abbas; and HOAR, David

International Application No. PCT/CA00/01043

International Filing Date: 8 September 2000

RECEIVED

MAR 28 2003

For: **DIAGNOSTIC AND THERAPEUTIC METHODS IN AUTOIMMUNE DISEASE**

TECH CENTER 1600/2900

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is for the following type of application:

(check one applicable item below)

- | | |
|---|--|
| <input type="checkbox"/> Original | <input type="checkbox"/> Divisional |
| <input type="checkbox"/> Continuation | <input checked="" type="checkbox"/> U.S. National Stage of PCT |
| <input type="checkbox"/> Continuation-in-Part | |

My residence, post office address and citizenship are as stated below next to my name; and I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

- | | |
|--|--|
| <input checked="" type="checkbox"/> Utility Patent | <input type="checkbox"/> Design Patent |
|--|--|



is sought on the invention, whose title appears above, the specification of which:

- ☐ is attached hereto
- ☐ was filed on _____, as U.S. Serial Number _____
- ☐ and was amended on _____ (if applicable)
- ☒ was described and claimed in PCT International Application Number PCT/CA00/01043, filed on 8 September 2000.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

**DISCLOSURE AND/OR CLAIM FOR PRIORITY UNDER
35 U.S.C. §§ 119(a)-(d) OF FOREIGN APPLICATIONS
FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN)
OF THIS APPLICATION**

I hereby claim foreign priority benefits under Title 35, United States Code §§ 119(a)-(d) of any foreign applications for patent, inventor's certificate or PCT international application designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent, inventor's certificate or any PCT international application designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Country (or indicate if PCT)	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 37 USC 119a-d
Canada	2,282,062	8 September 1999	<u>X</u> Yes ___ No
Canada	2,303,504	10 April 2000	<u>X</u> Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

**DISCLOSURE OF FOREIGN APPLICATION(S) IF ANY,
FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN)
PRIOR TO THE FILING OF THIS APPLICATION**

Country (or indicate if PCT)	Application Number	Date of Filing (day, month, year)

RECEIVED

MAR 28 2003

TECH CENTER 1600/2900

**CLAIM FOR PRIORITY OF UNITED STATES APPLICATIONS
OR PCT APPLICATIONS FILED
IN THE UNITED STATES RECEIVING OFFICE
UNDER 35 U.S.C. §120**

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

[illegible]

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
60/160,618	20 October 1999

POWER OF ATTORNEY

- ☒ I hereby appoint all the practitioners associated with Customer Number 23377 (which is the Customer Number assigned to Woodcock Washburn LLP) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Each practitioner associated with Customer Number 23377 is an attorney registered before the United States Patent and Trademark Office.



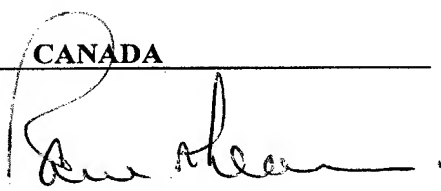
23377

PATENT TRADEMARK OFFICE

Address all telephone calls, correspondence and maintenance fee correspondence to:

Jeffrey J. King, Esq.
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: (215) 568-3100
Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventorPAUL*(Given Name)*(Middle Initial or Name)KEOWN*Family (or last name)***City/State of Actual Residence:** Vancouver, British Columbia**Mailing Address:** Immunology Laboratory, Vancouver General Hospital, 855 West 12th Avenue, Vancouver, British Columbia V5Z 1M9, CANADA**Country of Citizenship:** CANADA**Inventor's signature:** **Date:** 17. July 02

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of second joint inventor

ABBAS
(Given Name)

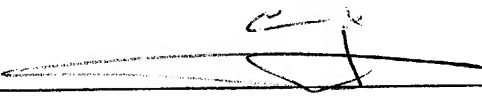
(Middle Initial or Name)

KHANI-HANJANI
Family (or last name)

City/State of Actual Residence: Vancouver, British Columbia

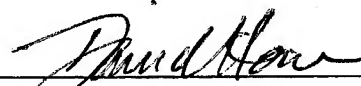
Mailing Address: Immunology Laboratory, Vancouver General Hospital, 855 West 12th Avenue, Vancouver, British Columbia V5Z 1M9, CANADA

Country of Citizenship: CANADA

Inventor's signature: 

Date: July/23/02

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of third joint inventorDAVID*(Given Name)*(Middle Initial or Name)HOAR*Family (or last name)*City/State of Actual Residence: Vancouver, British ColumbiaMailing Address: Immunology Laboratory, Vancouver General Hospital, 855 West
12th Avenue, Vancouver, British Columbia V5Z 1M9, CANADACountry of Citizenship: CANADAInventor's signature: Date: July 18 / 2002